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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
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10/603,359

06/25/2003

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KOLS.037PA

2557

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EXAMINER

HO, HUY C

ART UNIT

PAPER NUMBER

2617

MAIL DATE

DELIVERY MODE

09/17/2007

PAPER

**Please find below and/or attached an Office communication concerning this application or proceeding.**

The time period for reply, if any, is set in the attached communication.

<b>Office Action Summary</b>	<b>Application No.</b> 10/603,359	<b>Applicant(s)</b> KANGAS ET AL.	
	<b>Examiner</b> Huy C. Ho	<b>Art Unit</b> 2617	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) OR THIRTY (30) DAYS, WHICHEVER IS LONGER, FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

- 1) ☒ Responsive to communication(s) filed on 03 July 2007.
- 2a) ☒ This action is **FINAL**. 2b) ☐ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

- 4) ☒ Claim(s) 1-38 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-38 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 25 June 2003 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
  2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
  3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

- |  |   |
|--|---|
| 1) <input type="checkbox"/> Notice of References Cited (PTO-892)   | 4) <input type="checkbox"/> Interview Summary (PTO-413)<br>Paper No(s)/Mail Date. _____ |
| 2) <input type="checkbox"/> Notice of Draftsperson's Patent Drawing Review (PTO-948)                       | 5) <input type="checkbox"/> Notice of Informal Patent Application                       |
| 3) <input type="checkbox"/> Information Disclosure Statement(s) (PTO/SB/08)<br>Paper No(s)/Mail Date _____ | 6) <input type="checkbox"/> Other: _____  |

## DETAILED ACTION

### *Response to Arguments*

1. Applicant's arguments filed 07/03/2007 have been fully considered but they are not persuasive.

The argued features, i.e., a portable data processor processes information based on commands obtained from a user interface in the portable data processor and the portable data processor reminds the user in the user interface about the stored association reads upon Smiga as follows.

Smiga discusses a computer processor comprises the user output device further including functions for displaying the supplemental information when a corresponding keyword is identified in the input text expression, particularly, Smiga discloses the known feature from the U.S. Pat. No. 5,115,504, as the information management system after the user enters an item, the user further assignments directly by moving to the columns of the view and entering an existing name of a sub-category under the column head, the system requires the user to directly manipulate information categories on a display screen, the system also includes a real-time and interactive user interface for receiving input text expressions from a user and for providing selectable supplemental information to the user regarding the classification of the keynote, thus, Smiga discloses a portable data processor processes information based on commands obtained from a user interface in the portable data processor. Smiga discusses a processor, a display, a user interface of displaying and interacting with a user, record of lists, calendar events, memo, messages are displayed to the user, thus this discloses reminds the user in the user interface.

As a result, the argued features are written such that they read upon the cited reference.

### *Claim Rejections - 35 USC § 102*

2. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

3. **Claims 1-38** are rejected under 35 U.S.C. 102(e) as being anticipate by **Smiga et al.**

(2002/0019825).

**Consider claim 1**, Smiga teaches a method for classifying information in a portable data processor, comprising:

processing information based on commands obtained from a user interface in the portable data processor (see the abstract, pars [3]-[4], [34]);

associating information multi-dimensionally into at least two different categories according information type and at least one other criterion (fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262]);

presenting the associations in the user interface and carrying out processing related to the associations based on the commands obtained from the user interface (fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262]);

storing the associations for subsequent use (fig 1, pars [1]-[4], [10], [31], [33]-[35], [261]-[262]).

**Consider claim 20**, Smiga teaches a portable data processor (par [33]), comprising:

a processing unit for processing information (fig 1, pars [31]),

a user interface connected to the processing unit for presenting the information to a user of the portable data processor and for providing commands in order to process information (figure 1, pars [31]-[36]),

a memory connected to the processing unit for storing information (figure 1, pars [31]-[36]),

and the processing unit is configured to:

associate information multi-dimensionally into at least two different categories according to information type and at least one other criterion (**fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262], [280]),**

present the associations in the user interface and carry out the processing related to the associations based on the commands obtained from the user interface (**fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262], 280),**

and store the associations in the memory for subsequent use (**[31]-[32], [34], [194], [196], [200]).**

**Consider claim 2, A method as claimed in claim 1, wherein processing and association are carried out in parallel or in turn ([229], [232], [280]).**

**Consider claim 3, A method as claimed in claim 1, wherein the processing related to the associations comprises at least one of the following: accepting an association, rejecting an association, changing an association (pars [120], [269], [274], [280]).**

**Consider claim 4, A method as claimed in claim 1, wherein in connection with the processing related to associations, processing related to categories is also carried out (fig 1, pars [2]-[4], [10], [31], [33]-[35], [261]-[262]).**

**Consider claim 5, A method as claimed in claim 4, wherein the processing related to categories comprises at least one of the following: deleting a category, changing the properties of a category, creating a new category and associating information into the created category (pars [120], [208], [212], [233]).**

**Consider claim 6, A method as claimed in claim 1, wherein the criteria comprise at least one of the following: title of information, contents of information, context information associated with information, location information associated with information, links associated with information, meta data of information, caller group division of a subscriber terminal in a radio system (figure 15, pars**

[194]).

**Consider claim 7,** A method as claimed in **claim 1**, wherein the information comprises at least one of the following: a file, an e-mail message, a web site, a text message, a multimedia message, calendar data, task data, a data group presented using alphabetic and/or numeric characters signs, or binary data (pars [34], [80], [110], [213], [288]).

**Consider claims 8, 27,** A method as claimed in **claims 1, 20**, wherein the method further comprises: the portable data processor reminds the user in the user interface about the stored association(figures 1, 2 and 6, pars [35] and [41]).

**Consider claim 9,** A method as claimed in **claim 8**, wherein the method further comprises: the portable data processor determines the state of a subscriber terminal in a radio system, and carries out a reminder in the user interface if it suits the determined state ([224], [258], [260]).

**Consider claim 10,** A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor senses the operational environment thereof and carries out a reminder in the user interface concerning the stored association associated with the sensed operational environment (par [194]).

**Consider claim 11,** A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor determines the current instant of time, and carries out a reminder in the user interface concerning the stored association associated with the determined instant of time (pars [1]-[2], [10], [34]-[35], [55], [83]).

**Consider claim 12,** A method as claimed in **claim 1**, wherein the method further comprises: the portable data processor determines the context information associated with the location of the subscriber terminal in the radio system, and carries out the reminder in the user interface concerning the stored association associated with the determined location (pars [83], [194]).

**Consider claim 13,** A method as claimed in **claim 1**, wherein the method further comprises: the

portable data processor determines the state of the subscriber terminal in the radio system, and carries out the reminder in the user interface concerning the stored association associated with the determined state ([224], [258], [260]).

**Consider claim 14,** A method as claimed in **claim 1**, wherein the information is a file, and the association is carried out when opening, storing or closing the file (figures 25A, B, pars [69], [196], [198], [292]).

**Consider claim 15,** A method as claimed in **claim 1**, wherein the information is a file, and the presentation is carried out when storing or closing the file (figures 25A, B, pars [69], [196], [198], [292]).

**Consider claim 16,** A method as claimed in **claim 1**, wherein the information is an e-mail message, and the association is carried out when opening the e-mail message for reading (pars [35], [45], [197]).

**Consider claim 17,** A method as claimed in **claim 1**, wherein the information is an e-mail message, and the presentation is carried out when closing the e-mail message or when moving to the following e-mail message (pars [198], [228]-[229]).

**Consider claim 18,** A method as claimed in **claim 1**, wherein the information is a web site, and the association is carried out when browsing on the web site ([266]).

**Consider claim 19,** A method as claimed in **claim 1**, wherein the information is a web site, and the presentation is carried out when exiting the web site, or when closing the browser used for browsing the web site, or later when the process is offline ([266]).

**Consider claim 21,** Portable data processor as claimed in **claim 20**, wherein the processing unit is configured to carry out processing and association in parallel or in turn (pars [229], [232], [280]).

**Consider claim 22,** Portable data processor as claimed in **claim 20**, wherein the processing related to associations comprises at least one of the following: accepting an association, rejecting an

association, changing an association (pars [112]-[123], [269], [274], [280]).

Consider claim 23, Portable data processor as claimed in claim 20, wherein the processing unit is configured in connection with the processing related to associations also to carry out processing related to categories (pars [31], [34]-[35], [37]-[38]).

Consider claim 24, Portable data processor as claimed in claim 23, wherein the processing related to categories comprises at least one of the following: deleting a category, changing the properties of a category, creating a new category and associating information into the created category (pars [121], [233], [240], [271], [276], [280]).

Consider claim 25, Portable data processor as claimed in claim 20, wherein the criteria comprises at least one of the following: title of information, contents of information, context information associated with information, location information associated with information, links associated with information, meta data of information, caller group division of a subscriber terminal in a radio system (pars [245], [288], [304]).

Consider claim 26, Portable data processor as claimed in claim 20, wherein the information comprises at least one of the following: a file, an e-mail message, a web site, a multi-media message, calendar data, task data, another set of data presented using alphabetic and/or numeric characters, or binary data (the abstract, par [31]).

Consider claim 28, Portable data processor as claimed in claim 27, wherein the processing unit is configured to determine the state of the subscriber terminal in the radio system, and to perform the reminder in the user interface, if it suits the determined state ([260]).

Consider claim 29, Portable data processor as claimed in claim 20, wherein the processing unit is configured to sense the operational environment of the data processor, and to perform the reminder in the user interface concerning the association stored in the memory associated with the sensed operational



environment ([194]).

Consider claim 30, Portable data processor as claimed in claim 20, wherein the processing unit is configured to determine the present instant of time and to perform the reminder in the user interface concerning the association stored in the memory associated with the determined instant of time ([79],[81], [83], [260]).

Consider claim 31, Portable data processor as claimed in claim 20, wherein the processing unit is configured to determine the context information associated with the location of the subscriber terminal, and to perform the reminder in the user interface concerning the association stored in the memory associated with the determined location ([83]).

Consider claim 32, Portable data processor as claimed in claim 20, wherein the processing unit is configured to determine the state of the subscriber terminal in the radio system, and to perform the reminder in the user interface concerning the association stored in the memory associated with the determined state .

Consider claim 33, a portable data processor as claimed in claim 20, wherein the information is a file and the processing unit is configured to carry out the association when opening, storing or closing the file (figures 25A, B, pars [69], [196], [198], [292]).

Consider claim 34, Portable data processor as claimed in claim 20, wherein the information is a file and the processing unit is configured to carry out the presentation when storing or closing the file (figures 25A, B, pars [69], [196], [198], [292]).

Consider claim 35, Portable data processor as claimed in claim 20, wherein the information is an e-mail message and the processing unit is configured to carry out the association when opening the e-mail message for reading (pars [35], [45], [197]).

Consider claim 36, Portable data processor as claimed in claim 20, wherein the information is an e-mail message and the processing unit is configured to carry out the presentation when closing the e-mail

message or when moving to the following e-mail message (pars [198], [228]-[229]).

Consider claim 37, Portable data processor as claimed in claim 20, wherein the information is a web site and the processing unit is configured to carry out the association when browsing on a web site (([266])).

Consider claim 38, Portable data processor as claimed in claim 20, wherein the information is a web site and the processing unit is configured to carry out the presentation when exiting the web site or when closing the browser used for browsing or later when the data transmission connection of the portable data processor is offline ([266]).

#### *Conclusion*

4. **THIS ACTION IS MADE FINAL.** Applicant is reminded of the extension of time policy as set forth in 37 CFR 1.136(a).

A shortened statutory period for reply to this final action is set to expire **THREE MONTHS** from the mailing date of this action. In the event a first reply is filed within **TWO MONTHS** of the mailing date of this final action and the advisory action is not mailed until after the end of the **THREE-MONTH** shortened statutory period, then the shortened statutory period will expire on the date the advisory action is mailed, and any extension fee pursuant to 37 CFR 1.136(a) will be calculated from the mailing date of the advisory action. In no event, however, will the statutory period for reply expire later than **SIX MONTHS** from the mailing date of this final action.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Huy C. Ho whose telephone number is (571) 270-1108. The examiner can normally be reached on Monday - Friday, 8:00 a.m. - 5:00 p.m., EST.

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If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Duc Nguyen can be reached on (571) 272-7503. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

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